AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A peptide or protein having a neovascularization action and containing a basic amino acid cluster region of β1,6-N-acetylglucosaminyltransferase.

2. (Original) The peptide or protein according to Claim 1, wherein the β1,6-N-acetylglucosaminyltransferase has the following properties:

(1) Action: N-acetylglucosamine is converted into α-6-D-mannoside using UDP-N-acetylglucosamine as a doner substrate;

(2) Substrate specificity: If the substrate specificity when GnGn-bi-PA is a receptor is 100%, the substrate specificity when GnGnF-bi-PA is a receptor is about 78%, the substrate specificity when GnGnGn-tri-PA is a receptor is about 125%, and the substrate specificity when GnM-PA is a receptor is about 66%;

(3) Optimum pH: 6.2 to 6.3;

(4) Activity: Mn^{2+} is not necessary for exertion of activity, and activity is not inhibited even in the presence of 20 mM EDTA;

(5) Molecular weight: About 73,000 (by SDS-PAGE in the absence of a reducing agent) and about 73,000 and about 60,000 (by SDS-PAGE in the presence of a reducing agent);

(6) Km value: Km values for a receptor GnGn-bi-PA and a donor UDP-GlcNAc

are 133 μM and 3.5 mM, respectively;

(7) having the following peptide fragments:

(a) Thr-Pro-Trp-Gly-Lys,

(b) Asn-Ile-Pro-Ser-Tyr-Val,

(c) Val-Leu-Asp-Ser-Phe-Gly-Thr-Glu-Pro-Glu-Phe-Asn- His-Ala-Asn-Tyr-Ala,

(d) Asp-Leu-Gln-Phe-Leu-Leu, and

(e) Asn-Thr-Asp-Phe-Phe-Ile-Gly.

3. (Original) The peptide or protein according to Claim 1, wherein the β1,6-N-

acetylglucosaminyltransferase has an amino acid sequence containing at least an

amino acid sequence as depicted in SEQ ID NO: 6, or an amino acid sequence

obtained by modification of one or more amino acids in this amino acid sequence.

4. (Original) The peptide or protein according to Claim 1, wherein, in the

basic amino acid cluster region, the number of basic amino acids accounts for 30%

or more of the total number of amino acids in said region.

5. (Original) The peptide or protein according to Claim 1, wherein the basic

amino acid cluster region contains at least an amino acid sequence as depicted in

SEQ ID NO: 7 or an amino acid sequence obtained by modification of one or more

amino acids in this amino acid sequence.

6. (Currently Amended) A neovascularization accelerator containing the peptide or protein according to ~~any one of Claims 1 to 5~~ Claim 1.

7. (Original) The neovascularization accelerator according to Claim 6, wherein it is a wound healing agent or a preventing and/or therapeutic agent for arteriosclerosis.

8. (Currently Amended) A neovascularization inhibitor screening method, which comprises using the peptide or protein according to ~~any one of Claims 1 to 5~~ Claim 1.

9. (Currently Amended) A neovascularization inhibitor screening method, which comprises using a cell capable of secreting the peptide or protein according to ~~any one of Claims 1 to 5~~ Claim 1 expressed in the cell out of the cell.

10. (Currently Amended) The screening method according to Claim 9, wherein the cell is a cell in which the peptide or protein ~~according to any one of Claims 1 to 5~~ can be highly expressed.

11. (Original) A neovascularization inhibitor screening method, which comprises using a protease cutting a mature type β1,6-N-acetylglucosaminyltransferase anchored on a Golgi body membrane to convert this into a secretory type β1,6-N-acetylglucosaminyltransferase.

12. (Original) The screening method according to Claim 11, wherein the protease is β-secretase.

13. (Original) The screening method according to Claim 11, wherein the protease is γ-secretase.

14. (Currently Amended) A compound showing a neovascularization inhibiting action in the screening method according to ~~any one of Claims 8 to 13~~ Claim 8.
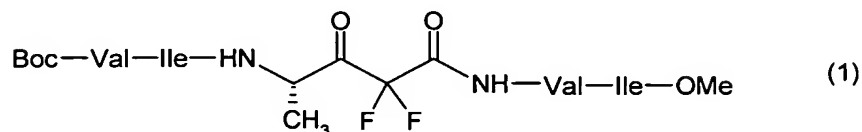
15. (Currently Amended) A compound showing a neovascularization inhibiting action wherein the compound suppresses expression of the peptide or protein according to ~~any of Claims 1 to 5~~ Claim 1.

16. (Currently Amended) A compound showing a neovascularization inhibiting action wherein the compound suppresses binding of the peptide or protein according to ~~any one of Claims 1 to 5~~ Claim 1 to heparan sulfate proteoglycan.

17. (Currently Amended) A neovascularization inhibitor comprising the compound according to ~~any one of Claims 14 to 16~~ Claim 14.

18. (Original) A neovascularization inhibitor comprising a compound having a γ-secretase inhibiting action.

19. (Original) The neovascularization inhibitor according to Claim 18, wherein the compound having a γ-secretase inhibiting action is a compound represented by the following formula (1):

Boc—Val—Ile—HN—⟍⟋—C(=O)—CH₂—C(=O)—NH—Val—Ile—OMe   (1)

$$\text{Boc}-\text{Val}-\text{Ile}-\text{HN}\underset{\overset{|}{\text{CH}_3}}{\diagdown}\overset{\displaystyle\text{O}}{\text{C}}\diagdown\underset{\text{F}\ \text{F}}{\overset{\displaystyle\text{O}}{\text{C}}}-\text{NH}-\text{Val}-\text{Ile}-\text{OMe}$$

(wherein, Boc represents a butoxycarbonyl group, OMe represents a methoxy group, Val represents valine, and Ile represents isoleucine).

20. (Currently Amended) An antibody to the peptide or protein according to ~~any one of Claims 1 to 5~~ Claim 1.

21. (Currently Amended) An assay method for ~~the~~ a peptide or protein ~~according to any one of Claims 1 to 5~~ having a neovascularization action and containing a basic amino acid cluster region of β1,6-N-acetylglucosaminyltransferase, ~~which comprises~~ said method comprising using the antibody according to Claim 20.

22. (Currently Amended) A detection kit for ~~the~~ a peptide or protein ~~according to any one of Claims 1 to 5~~ having a neovascularization action and containing a basic amino acid cluster region of β1,6-N-acetylglucosaminyltransferase, ~~which comprises~~ said detection kit comprising the antibody according to Claim 20.